

A

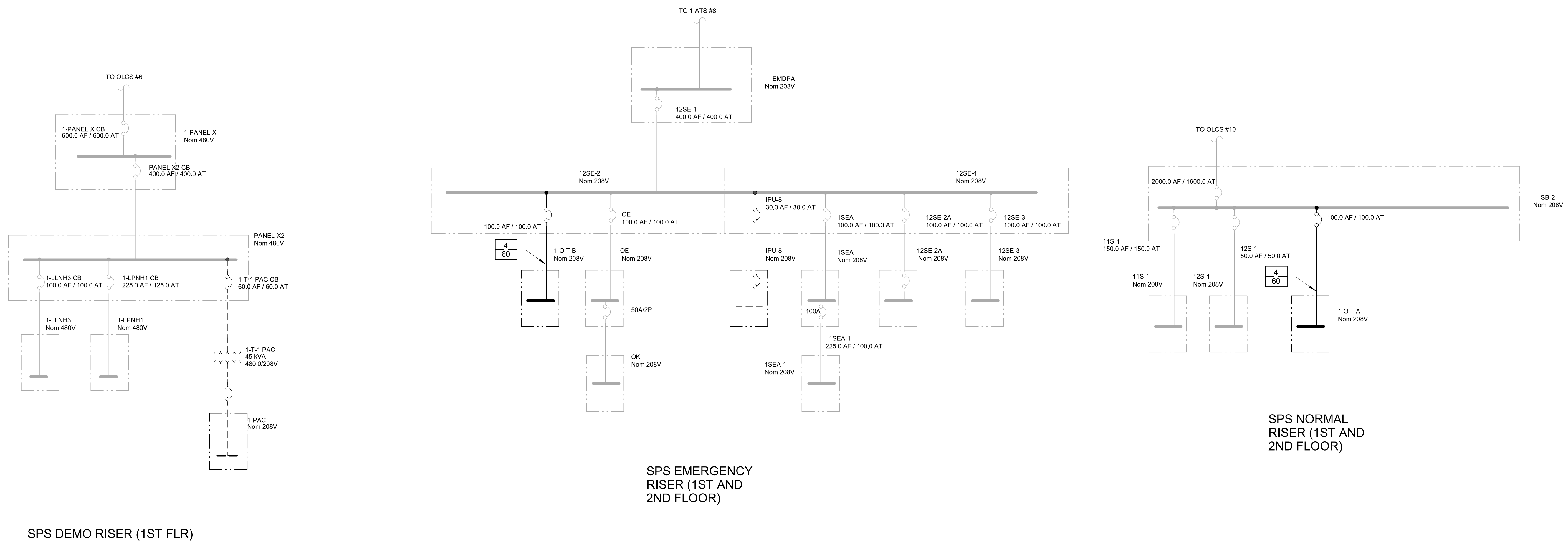
B

C

D

E

F



FEEDER LEGEND		
TOP ROW	BOTTOM ROW	
FEEDER SIZE	FEEDER SIZE	
X	3 = 3 WIRE	CONDUIT SIZE
XX	4 = 4 WIRE	
3 PHASE	3 WIRE	CONDUIT SIZE
20	(3) - #12 & #12G	3/4"
30	(3) - #10 & #10G	3/4"
40	(3) - #8 & #10G	3/4"
50	(3) - #6 & #10G	1"
60	(3) - #6 & #10G	1"
70	(3) - #4 & #8G	1-1/2"
80	(3) - #3 & #8G	1-1/2"
90	(3) - #3 & #8G	1-1/2"
100	(3) - #2 & #8G	1-1/2"
125	(3) - #1 & #8G	1-1/2"
150	(3) - 1/0 & #6G	2"
175	(3) - 2/0 & #6G	2"
200	(3) - 3/0 & #6G	2"
225	(3) - 4/0 & #4G	2-1/2"
250	(3) - 250KCMILS & #4G	2-1/2"
300	(3) - 350KCMILS & #4G	3"
350	(3) - 400KCMILS & #4G	3"
400	(3) - 500KCMILS & #3G	3"
450	2 RUNS (3) - 4/0 & #2G	3"
500	2 RUNS (3) - 250KCMILS & #2G	3"
600	2 RUNS (3) - 350KCMILS & 1G	3"
700	2 RUNS (3) - 500KCMILS & 1/0G	3"
800	2 RUNS (3) - 600KCMILS & 1/0G	4"
1000	3 RUNS (3) - 400KCMILS & 2/0G	4"
1200	3 RUNS (3) - 600KCMILS & 3/0G	4"
3 PHASE	4 WIRE	CONDUIT SIZE
20	(4) - #12 & #12G	3/4"
30	(4) - #10 & #10G	3/4"
40	(4) - #8 & #10G	3/4"
50	(4) - #6 & #10G	1"
60	(4) - #6 & #10G	1"
70	(4) - #4 & #8G	1-1/2"
80	(4) - #3 & #8G	1-1/2"
90	(4) - #3 & #8G	1-1/2"
100	(4) - #2 & #8G	1-1/2"
125	(4) - #1 & #8G	1-1/2"
150	(4) - 1/0 & #6G	2"
175	(4) - 2/0 & #6G	2"
200	(4) - 3/0 & #6G	2"
225	(4) - 4/0 & #4G	2-1/2"
250	(4) - 250KCMILS & #4G	2-1/2"
300	(4) - 350KCMILS & #4G	3"
350	(4) - 400KCMILS & #4G	3"
400	(4) - 500KCMILS & #3G	3"
450	2 RUNS (4) - 4/0 & #2G	3"
500	2 RUNS (4) - 250KCMILS & #2G	3"
600	2 RUNS (4) - 350KCMILS & #1G	3"
700	2 RUNS (4) - 500KCMILS & 1/0G	3"
800	2 RUNS (4) - 600KCMILS & 1/0G	4"
1000	3 RUNS (4) - 400KCMILS & 2/0G	4"
1200	3 RUNS (4) - 600KCMILS & 3/0G	4"

E5 PARTIAL ONE LINE DIAGRAMS - A
NOT TO SCALE

4/12/2024 11:24:00 AM
B:\360191922 - Fayetteville IDIQ Project No. 664-19-403 Renovation of SPS\19022 - ELECT - R2026.rvt

Revision Number	Revisions:	Date:

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HDG PROJECT: 19022

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John G. Ross, PE
10/11/2019
Digitally signed by John G. Ross, PE
Date: 2024.04.12 11:20:19-0400'

DRAWING TITLE
ELECTRICAL RISER DIAGRAM

APPROVED

PHASE
CONSTRUCTION DOCUMENTS SUBMISSION

FULLY SPRINKLERED

PROJECT TITLE
RENOVATE SPACE FOR LOGISTICS (B-1)

LOCATION
FAYETTEVILLE VA MEDICAL CENTER

ISSUE DATE
11 APRIL 2024

CHECKED
CSR

DRAWN
CSR

PROJECT NUMBER
564-24-104

BUILDING NUMBER
1

DRAWING NUMBER
EE601-A

Engineering Service

VETERANS HEALTH CARE SYSTEM OF THE OZARKS

VA U.S. Department of Veterans Affairs